



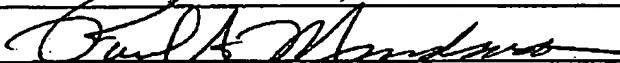
**TRANSMITTAL FORM***(to be used for all correspondence after initial filing)*

<b>TRANSMITTAL FORM</b>		Application No.	09/942,812
		Filing Date	August 29, 2001
		First Named Inventor	Ken Shoemaker
		Art Unit	2183
		Examiner Name	Tonia L. Meonske
Total Number of Pages in This Submission	15	Attorney Docket Number	42390P10127

**ENCLOSURES (check all that apply)**

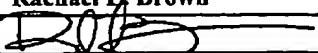
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; height: 40px; width: 100%;"></div>
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	March 28, 2005

**CERTIFICATE OF MAILING/TRANSMISSION**

I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office.

Typed or printed name	Rachael L. Brown
Signature	
Date	March 28, 2005

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 08/04/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## **FEE TRANSMITTAL for FY 2005**

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT** (\$ 0.00)

<i>Complete If Known</i>	
Application Number	09/942,812
Filing Date	August 29, 2001
First Named Inventor	Ken Shoemaker
Examiner Name	Tonia L. Meonske
Art Unit	2183
Attorney Docket No.	42390P10127

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below, except for the filing fee

Charge fee(s) indicated below.  Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  Credit any overpayments

## **FEES CALCULATION**

## 1. EXTRA CLAIM FEES

Total Claims	20	$20^{\circ} =$	0	$\times$	50.00	=	\$0.00
Independent Claims	3	$3^{\circ} =$	0	$\times$	200.00	=	\$0.00
Multiple Dependent						=	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\\$)	Fee Code	Fee (\\$)	
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple Dependent claim, if not paid
1204	300	2204	150	**Reissue Independent claims over original patent
1205	300	2205	150	**Reissue claims in excess of 20 and over original patent
		SUBTOTAL (1)		(\\$) 0.00

*\*or number previously paid, if greater. For Reissues, see below.*

## 2. ADDITIONAL FEES

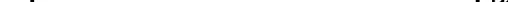
**2. ADDITIONAL FEES**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
2053	130	2053	130	Non-English specification
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1,020	2253	510	Extension for reply within third month
1254	1,590	2254	795	Extension for reply within fourth month
1255	2,160	2255	1,080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1,000	2403	500	Request for oral hearing
1451		2451		Petition to Institute a public use proceeding
1480	130	2480	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1808	180	1808	180	Submission of Information Disclosure Stmt
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.128(b))
Other fee (specify) _____				
power of attorney by assignee of entire interest _____				

**Fee Paid**

**SUBMITTED BY**

**Complete (if applicable)**

Name (Print/Type)	Paul A. Mendonsa	Registration No. (Attorney/Agent)	42,879	Telephone	(503) 439-8778
Signature				Date	03/28/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 12/15/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

0.00

## Complete if Known

Application Number	09/942,812
Filing Date	August 29, 2001
First Named Inventor	Ken Shoemaker
Examiner Name	Tonia L. Meonske
Art Unit	2183
Attorney Docket No.	42390P10127

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  None  Other (please identify): Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s)	<input type="checkbox"/> Credit any overpayments
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.	

## FEE CALCULATION

## 1. EXTRA CLAIM FEES

		Extra Claims		Fee from below		Fee Paid
Total Claims	20	20*	=	0	X	\$0.00
Independent Claims	3	3*	=	0	X	\$0.00
Multiple Dependent					=	

Large Entity	Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	50	2202	25	Claims in excess of 20
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1204	300	2204	150	“Reissue independent claims over original patent
1205	300	2205	150	“Reissue claims in excess of 20 and over original patent
SUBTOTAL (1)		(\$)	0.00	

\*or number previously paid, if greater, For Reissues, see below

## 2. ADDITIONAL FEES

## Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1051	130	2051	85	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
2053	130	2053	130	Non-English specification
1251	120	2251	60	Extension for reply within first month
1262	450	2252	225	Extension for reply within second month
1253	1,020	2253	510	Extension for reply within third month
1264	1,580	2234	795	Extension for reply within fourth month
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1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
1808	760	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))
Other fee (specify)		power of attorney by <u>Paul A. Mendonsa</u> of <u>attomey of record</u> interest _____		
SUBTOTAL (2)		(\$)		

## Fee Paid

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Paul A. Mendonsa	Registration No. (Attorney/Agent)	42,879	Telephone	(503) 439-8778
Signature			(\$)	Date	03/28/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (Mr) 12/15/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

MAR 2 8 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Ken SHOEMAKER

Serial No.: 09/942,812

Group Art Unit: 2183

Filed: August 29, 2001

Examiner: T. Meonske

FOR: APPARATUS AND METHOD FOR SWITCHING  
THREADS IN MULTI-THREADING PROCESSORS

## RESPONSE UNDER 37 C.F.R. § 1.116

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed December 28, 2004, applicants provide the following remarks.

## REMARKS

Claims 1-20 are pending in the application for reconsideration.

Claims 1-4 and 9-20 are rejected under 35 U.S.C. § 102(b) as being anticipated by the article Simultaneous Multithreading: A Platform for Next-Generation Processors (hereinafter Eggers). Claims 5-8 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Eggers. Applicants respectfully traverse these rejections for the following reasons.

Applicants object to the finality of the office action. The office action disingenuously maintains identical rejections (in order to make the action final) while

P10127